

**01376970 HACKENSACK RIVER AT OLD TAPPAN, NJ**

HACKENSACK RIVER BASIN

LOCATION.--Lat 41°00'44", long 74°00'28" referenced to North American Datum of 1983, River Vale Township, Bergen County, NJ, Hydrologic Unit 02030103, at bridge on Old Tappan Road, 0.3 mi north from Old Tappan, 0.7 mi downstream of Lake Tappan, and 1.9 mi northeast of Westwood.

DRAINAGE AREA.--51.6 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1998, 2006-08.

REMARKS.--Cooperative Network Site Descriptor: Trace Element Assessment (303d) special study site.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the NJ Department of Environmental Protection.

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 2

[QC, quality control sample. Remark codes: <, less than.]

Date	Time	Sample medium and type	Turbidity white light, det ang 90+/-30 corrctd NTRU (63676)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf μS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)
<b>Jan</b>									
09...	0730	QC - Artificial, field blank	--	--	--	--	--	--	--
09...	0800	Surface water, regular	3.1	755	8.4	68	7.6	636	13.0
<b>Apr</b>									
02...	0930	QC - Artificial, field blank	--	--	--	--	--	--	--
02...	1000	Surface water, regular	7.6	769	11.0	94	7.9	531	5.0
<b>Jun</b>									
24...	0830	QC - Artificial, field blank	--	--	--	--	--	--	--
24...	0845	Surface water, regular	5.5	760	5.4	62	8.1	531	24.0

## 01376970 HACKENSACK RIVER AT OLD TAPPAN, NJ—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2007 TO**  
**SEPTEMBER 2008**

Part 2 of 2

[QC, quality control sample. Remark codes:  
 <, less than.]

Date	Temper- ature, water, deg C (00010)	Mercury water, fltred, µg/L (71890)	Mercury
			water, unfltred recover- able, µg/L (71900)
<b>Jan</b>			
09...	--	<.010	--
09...	6.2	<.010	<.010
<b>Apr</b>			
02...	--	<.010	--
02...	8.1	<.010	<.010
<b>Jun</b>			
24...	--	<.010	--
24...	22.3	<.010	<.010